

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071024\
 Data File : VY018760.D
 Acq On : 10 Jul 2024 11:39
 Operator : SY/MD
 Sample : VY0710SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0710SBS01

Quant Time: Jul 11 02:20:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/11/2024
 Supervised By :Semsettin Yesilyurt 07/11/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.777	168	109779	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	171134	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	149629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	76172	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	61021	56.488	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.980%			
35) Dibromofluoromethane	7.704	113	59890	55.875	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.760%			
50) Toluene-d8	10.173	98	225376	55.500	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 111.000%			
62) 4-Bromofluorobenzene	12.477	95	76830	55.402	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 110.800%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	19724	21.442	ug/l	97
3) Chloromethane	2.107	50	29912	21.398	ug/l	100
4) Vinyl Chloride	2.235	62	36929	22.584	ug/l	98
5) Bromomethane	2.631	94	26346	23.423	ug/l	94
6) Chloroethane	2.772	64	23540	22.158	ug/l	90
7) Trichlorofluoromethane	3.101	101	48193	22.554	ug/l	93
8) Diethyl Ether	3.509	74	12618	24.228	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.881	101	24582	22.422	ug/l	97
10) Methyl Iodide	4.070	142	23978	20.310	ug/l	93
11) Tert butyl alcohol	4.930	59	10534	96.263	ug/l	99
12) 1,1-Dichloroethene	3.851	96	23272	21.942	ug/l	99
13) Acrolein	3.716	56	9040	103.110	ug/l	95
14) Allyl chloride	4.454	41	29413	22.385	ug/l	92
15) Acrylonitrile	5.149	53	24047	117.042	ug/l	98
16) Acetone	3.924	43	20591	103.391	ug/l	90
17) Carbon Disulfide	4.168	76	66245	22.306	ug/l	98
18) Methyl Acetate	4.460	43	12817	22.149	ug/l	99
19) Methyl tert-butyl Ether	5.204	73	56601	23.005	ug/l	98
20) Methylene Chloride	4.692	84	30405	24.418	ug/l	94
21) trans-1,2-Dichloroethene	5.192	96	25349	22.645	ug/l	95
22) Diisopropyl ether	6.100	45	64978	22.734	ug/l	96
23) Vinyl Acetate	6.039	43	261843	116.285	ug/l	97
24) 1,1-Dichloroethane	5.997	63	41612	22.803	ug/l	97
25) 2-Butanone	6.972	43	31464	112.709	ug/l	91
26) 2,2-Dichloropropane	6.966	77	36271	21.421	ug/l	100
27) cis-1,2-Dichloroethene	6.966	96	30016	23.031	ug/l	99
28) Bromochloromethane	7.313	49	16140	22.021	ug/l	94
29) Tetrahydrofuran	7.338	42	20393	119.157	ug/l	94
30) Chloroform	7.490	83	45936	22.586	ug/l	94
31) Cyclohexane	7.771	56	36296	21.870	ug/l	98
32) 1,1,1-Trichloroethane	7.685	97	42983	22.728	ug/l	99
36) 1,1-Dichloropropene	7.905	75	32641	22.067	ug/l	99
37) Ethyl Acetate	7.057	43	13798	22.442	ug/l	96
38) Carbon Tetrachloride	7.893	117	40338	22.642	ug/l	96
39) Methylcyclohexane	9.179	83	42903	22.633	ug/l	95
40) Benzene	8.149	78	96514	22.492	ug/l	99

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41) Methacrylonitrile	7.289	41	7328m	20.905	ug/l	
42) 1,2-Dichloroethane	8.222	62	27969	23.281	ug/l	98
43) Isopropyl Acetate	8.264	43	27595	22.556	ug/l #	78
44) Trichloroethene	8.929	130	28693	23.393	ug/l	99
45) 1,2-Dichloropropane	9.209	63	21085	22.565	ug/l	96
46) Dibromomethane	9.301	93	14419	23.807	ug/l	97
47) Bromodichloromethane	9.490	83	34595	22.864	ug/l	92
48) Methyl methacrylate	9.283	41	13267	23.858	ug/l #	85
49) 1,4-Dioxane	9.283	88	3329	468.885	ug/l #	91
51) 4-Methyl-2-Pentanone	10.063	43	73416	117.536	ug/l	92
52) Toluene	10.240	92	63317	22.201	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	28210	21.594	ug/l	97
54) cis-1,3-Dichloropropene	9.917	75	34824	22.722	ug/l #	87
55) 1,1,2-Trichloroethane	10.636	97	17293	22.547	ug/l	98
56) Ethyl methacrylate	10.502	69	24354	24.119	ug/l #	88
57) 1,3-Dichloropropane	10.788	76	30302	23.833	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	51568	106.895	ug/l	92
59) 2-Hexanone	10.825	43	49613	113.534	ug/l	92
60) Dibromochloromethane	10.977	129	23357	22.164	ug/l	99
61) 1,2-Dibromoethane	11.087	107	17662	23.687	ug/l	97
64) Tetrachloroethene	10.715	164	28139	23.234	ug/l	96
65) Chlorobenzene	11.514	112	72334	22.916	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.587	131	23738	21.828	ug/l	96
67) Ethyl Benzene	11.587	91	122997	22.244	ug/l	98
68) m/p-Xylenes	11.697	106	96348	44.402	ug/l	98
69) o-Xylene	12.026	106	45211	22.162	ug/l	97
70) Styrene	12.038	104	76130	22.366	ug/l	97
71) Bromoform	12.203	173	13128	22.146	ug/l #	99
73) Isopropylbenzene	12.325	105	122367	21.950	ug/l	99
74) N-amyl acetate	12.142	43	23977	21.031	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	19969	22.722	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	13448m	22.541	ug/l	
77) Bromobenzene	12.605	156	29128	21.887	ug/l	93
78) n-propylbenzene	12.666	91	143189	21.629	ug/l	96
79) 2-Chlorotoluene	12.751	91	81061	21.776	ug/l	100
80) 1,3,5-Trimethylbenzene	12.806	105	97736	21.427	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	5657	21.222	ug/l #	81
82) 4-Chlorotoluene	12.849	91	83885	21.884	ug/l	99
83) tert-Butylbenzene	13.068	119	90441	21.476	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	99145	21.873	ug/l	98
85) sec-Butylbenzene	13.251	105	128249	21.456	ug/l	97
86) p-Isopropyltoluene	13.367	119	113711	22.036	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	56429	21.588	ug/l	97
88) 1,4-Dichlorobenzene	13.440	146	56710	21.890	ug/l	98
89) n-Butylbenzene	13.690	91	102380	21.884	ug/l	97
90) Hexachloroethane	13.959	117	20068	20.911	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	48984	21.694	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.349	75	3094	21.727	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	28650	20.786	ug/l	96
94) Hexachlorobutadiene	15.111	225	17101	21.525	ug/l	98
95) Naphthalene	15.233	128	52742	22.306	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	25523	21.642	ug/l	98

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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